

Porcelain & Ceramic Tile Cleaner

Osha's Hazard Communication Standard

U.S. Department Of Labor

29 CFR 1910.1200 OMB No. 1218-0072
 Identity No: 3002 Name: Porcelain & Ceramic Tile Cleaner

Section 1

Manufacturers Name: Miracle Sealants Company
 Address: 12318 Lower Azusa Road
 Emergency Phone: 800-350-1901
 City: Arcadia
 State: CA
 Phone: 626-443-6433
 Date Prepared: 04-01-2003

Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
2-Butoxyethanol	111762	25ppm	25ppm
Ammonia Hydroxide*	1336216	35ppm	35ppm

(*Note: A Sara 313 Chemical)

VOC: < 24.4 g/L

Section 3 - Physical/Chemical Characteristics

Boiling point: $\leq 212^{\circ}$ F Specific gravity: Not tested
 Vapor pressure: Not tested Melting point: Not tested
 Vapor density: Not tested Evaporation rate: Not tested
 Solubility in water: Miscible

Appearance and odor: Opaque gray, fragrant odor.

Section 4 - Fire And Explosion Hazard Data

Flash point: None	Flammable limits: Not tested
LEL: Not tested	UEL: Not tested
PH: 8.5 - 10.00	DOT#: None
NFPA hazard rating - H F R S And Larger	(o-Least, 4-Extreme): 1 0 0 0
Extinguishing media: None	
Special fire fighting procedures: None	
Unusual fire and explosion hazards: None	

Section 5 - Reactivity Data

Stability: Stable
 Conditions to avoid: None
 Incompatible materials to avoid: Strong Oxidizers
 Hazardous decomposition or byproducts: CO, CO₂
 Hazardous polymerization: None

Section 6 - Health Hazard Data

Routes of Entry:

Inhalation - Possible
 Skin - Possible
 Ingestion - Possible
 Health Hazards - Same as signs and symptoms of exposure.

OSHA Carcinogenicity - None; NTP - None; IARC Monographs - None

Note: All chemicals incorporated into this product are found on the TSCA inventory list.

Signs and Symptoms of Over Exposure:

Eyes: Burning irritation
 Skin: irritation
 Ingestion: May cause nausea
 Inhalation: Dizziness, headaches, irritation

Medical conditions generally aggravated by exposure - Same as signs and symptoms of over exposure.

Emergency and First Aid Procedures:

Eyes: Flush with water for 15 minutes. If irritation persists, call a physician.

Skin: Wash with soap and water. If irritation persists, call a physician.

Ingestion: Give large amounts of water to dilute. Call a physician.

Inhalation: Get person to fresh air. If unconscious, call a physician.

Section 7 - Precautions For Safe Handling And Use

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

Waste disposal method: Dispose of in accordance with state and local regulations.

Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze equal to or less than 32° F or heat above 110° F.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a niosh approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Ventilation:

Local exhaust - If available	Special - None
Mechanical - If available	Other - None

Protective gloves: plastic or rubber, chemical resistant.

Eye protection: tight fitting, splash proof safety goggles.

Other protective clothing or equipment: chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: N/A
 OSHA Hazard Class: N/A
 UN/NA Number: N/A
 EPA Hazard Waste: N/A
 CPSC Classification: N/A
 Transportation Class: 55

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.